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Signature

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JAMES F. STEVENS, et al.

Serial No. 10/827,189

Filed: April 19, 2004

For: REFORMING WITH HYDRATION
OF CARBON DIOXIDE FIXING
MATERIAL

GROUP ART UNIT

EXAMINER:

INFORMATION DISCLOSURE STATEMENT

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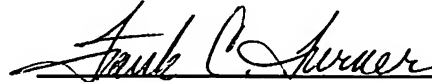
This Information Disclosure Statement is submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, particularly 1.97(b). The documents listed on the attached Form PTO/SB/08a are brought to the Examiner's attention. Copies of these documents are enclosed.

05/13/2004 TBESHAH1 00000065 031620 10827189

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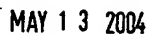
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Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Frank C. Turner", is written over a horizontal line.

Frank C. Turner
Attorney for Applicant
Reg. No. 39,863

May 11, 2004
Chevron Services Company
1111 Bagby Street, Suite 4040
Houston, Texas 77002
713-752-3084 (voice)
713-752-7969 (fax)



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Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

<i>Application Number</i>	10/827,189
<i>Filing Date</i>	April 19, 2004
<i>First Named Inventor</i>	James F. Stevens, et al.
<i>Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	X-0137

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	BA	EP 1,187,668 (WO 00/76629)	3/20/2002	Connor et al.		
	BB	JP 2000-273472	10/3/2000	Tatsuo et al.		
	BC	JP 2002-208425	7/26/2002	Yukitaka et al.		

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/827,189
				Filing Date	April 19, 2004
				First Named Inventor	James F. Stevens, et al.
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	X-0137

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Alpay et al., "Combined Reaction and Separation in Pressure Swing Processes," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5845-5864	
	CB	Berty et al., "Beat the equilibrium," <i>Chemtech</i> , October 1990, pp 624-629	
	CC	Carvill et al., "Sorption-enhanced reaction process," <i>AIChE Journal</i> , Oct. 1996, Vol. 42, No. 10, pp 2765-2772	
	CD	Han et al., "Simultaneous shift reaction and carbon dioxide separation for the direct production of hydrogen," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5875-5883 (1995)	
	CE	Hufton et al., "Sorption-enhanced reaction process for hydrogen production," <i>AIChE Journal</i> , Feb. 1999, Vol. 45, No. 2, pp 248-256	
	CF	Kuramoto et al., "Repetitive carbonation-calcination reactions of Ca-based sorbents for efficient CO ₂ sorption at elevated temperatures," <i>Ind. Eng. Chem. Res.</i> , 2003, Vol. 42, pp 975-981	
	CG	Lin et al., "Hydrogen production from hydrocarbon by integration of water-carbon reaction and carbon dioxide removal (HyPr-RING Method)," <i>Energy and Fuels</i> , 2001, Vol. 15, pp 339-343	
	CH	Rizeq et al., "Fuel-flexible gasification-combustion technology for production of H ₂ and sequestration-ready CO ₂ ," Annual Technical Progress Report 2002, October 2002, DOE Award No. DE-FC26-00FT40974, General Electric and Environmental Research Corporation	
	CI	Silaban et al., "High temperature capture of carbon dioxide: characteristics of the reversible reaction between CaO(s) and CO ₂ (g)," <i>Chem. Eng. Comm.</i> , 1995, Vol. 137, pp 177-190	

Examiner Signature		Date Considered	
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